SIEMENS

MOBILETT Plus / E/ M/ HP

SP

Service

Installation Instructions

Field Size Indicator

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Purpose

This document describes how to mount a field size indicator containing arrows, diagrams and scales.

Important note

After the installation is done, separate the last page, "the Supplement to the Instruction for Use", from the document. It is important to insert this page into the Instruction for Use for the Mobilett Plus product affected. This shall be done to help the user how to use the field size indicator after the installation.

General

The application surfaces shall be clean and dry before the assembly.

The stickers shall not be exposed to abnormal stretching or pulling. This could result in bubbles or a deterioration of the shape stability.

Avoid touching the adhesive side of the sticker. This could lead to a reduced adhesive capacity of the sticker.

Tools required

- Standard service equipment

Parts required

The field size indicator kit, Part No. 65 28 355, contains of the following parts:

- Installation Instructions, Part No. 65 26 862 (this document)
- Label kit, Part No. 65 28 108

Time required

- Approximately half an hour for one person

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Mounting of the field size indicator

1. Remove the two adjustment knobs for the collimator by loosen the two stop screws with an allen key (2 mm).
2. Mount the scales (fig. 1) on the knobs according to fig. 2.

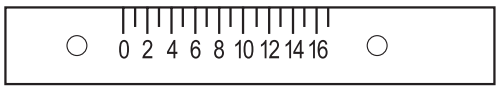

Fig. 1 Scale

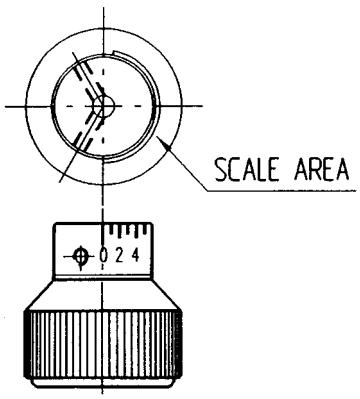

Fig. 2 Knob with scale and stop screws

NOTICE **The two holes of the scale shall fit to the stop screws of the knob.**

3. Mount the diagram on the round cover between the angle gauges according to fig. 4.
4. Mount one arrow symbol (fig. 3) above each knob according to fig. 4.
5. Close the collimator lids and mount the adjustment knobs so that “0” on the knob scales are facing the arrows.

Fig. 3 Arrow symbol

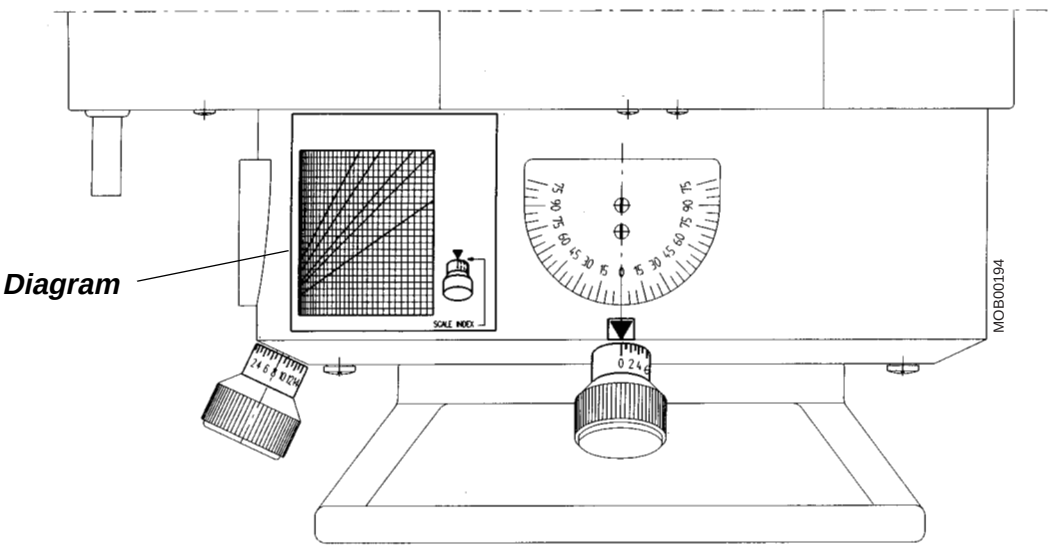

Fig. 4 Collimator with knobs, diagram and arrow symbol

6. Check the mounting by opening the collimator lids and close them again completely. “0” on the knob scale should be just in front of the arrows.

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How to use the diagram

Never adjust the collimator to a field greater than needed for the investigated area.

1. Follow the horizontal line from the y-axis, according to the size of the cassette used, until it crosses the leaning line indicating the chosen Source Image Distance (SID).
2. Follow the vertical line and read off the value on the x-axle indicating the scale index.
3. Set the adjustment knobs for the collimator according to the scale index value.
4. This adjustment gives a field size which corresponds to the size of the cassette. In those cases when the object to expose is smaller than the size of the cassette reduce the field size.

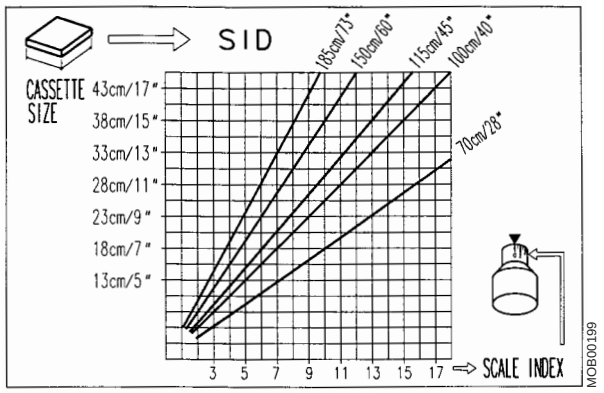

Fig. 1 Diagram

Example

- Cassette size: 38 cm/15".
- Film focus distance (SID): 150 cm/60".

1. Find 38 cm/15" on the y-axis. Follow the horizontal line until it crosses the inclined line for SID 150 cm/60".
2. Follow the vertical line downwards until it crosses the x-axis - in this case at scale index 10.
3. Turn the adjustment knob until value 10 faces the arrow.

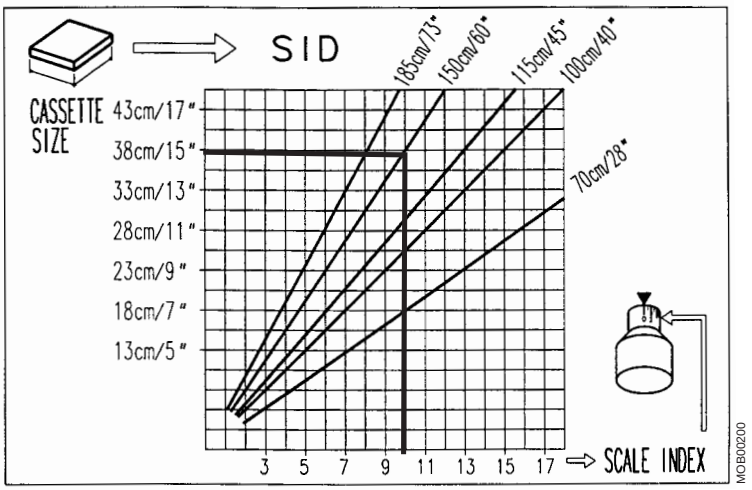

Fig. 2 Example, diagram